Request for Proposal for Potential Assessment Study of Cement Sector Old Designated Consumers under PAT Scheme

Prepared By

Bureau of Energy Efficiency
Ministry of Power, Government of India

To be submitted to,

The Secretary,
Bureau of Energy Efficiency,
4th Floor, Sewa Bhawan,
R. K. Puram, New-Delhi 110 066.

Last date of Submission of RfP: 11th September, 2020 15:00 hours (IST)
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1.0 LETTER OF INVITATION

1.1 Advertisement

This Request for Proposal (RfP) document is for Potential Assessment Study of Cement Sector Old Designated Consumer under PAT scheme. The Government of India has set up Bureau of Energy Efficiency (BEE) (Website: www.beeindia.gov.in) on 1st March, 2002 under the provisions of the Energy Conservation Act, 2001. The mission of Bureau of Energy Efficiency is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with primary objective of reducing energy intensity of the Indian economy. Overcoming barriers for financing of energy efficiency is a key policy goal.

The broad objective of conducting the study is to evaluate the industry's Energy Performance and Process & Power-Utility Technology Assessment including the other relevant information for Old Designated Consumers (DCs) in Cement Sector. This will establish baseline potential scope of Energy Savings and specific energy Consumption (SEC) of the existing old DCs.

Interested agencies/firms may download the RfP document from the website: beeindia.gov.in. In case the RfP is downloaded, intimation may be sent at the email id: vivek.negi@beeindia.gov.in, sjangra@beeindia.gov.in ,in the absence of such intimation, the bid shall be treated as non-responsive. The submission of the RfP document must be accompanied with the payment of the bid processing fees of Rs. 5,000/- (INR Five Thousand only). The payment will be accepted in the form of crossed demand draft on any scheduled bank, payable at par in New Delhi in favour of “Bureau of Energy Efficiency, New Delhi”.

Last Date for Submission of RfP: 11/09/2020 till 15:00hrs.

Interested agencies/firms may contact Sh. Vivek Negi, Sector Expert; BEE/ Sh. Sunny Jangra, Project Engineer (Tel: (+91)-11-2619-4770, (+91)-11-26766710, Fax: (+91)-11-2617-8352, Mobile: 8126844581/, Email:vivek.negi@beeindia.gov.in, sjangra@beeindia.gov.in for any clarification related to Cement Sector industries.

1.2 Critical Information

<table>
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<tr>
<th>Availability of RfP document</th>
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</tr>
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<tr>
<td>Date for pre-bid online e-meeting (MS Team)</td>
<td>21/08/2020 at 11:30 AM on online platform</td>
</tr>
<tr>
<td>Last date for receipt of RfP document</td>
<td>11/09/2020 till 15:00 Hrs. at BEE office</td>
</tr>
<tr>
<td>Place, time and date of opening of technical proposals</td>
<td>11/09/2020 at 15:00 Hrs. at BEE office</td>
</tr>
<tr>
<td>Place, time and date of opening of financial</td>
<td>To be informed later</td>
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</table>
### Proposals
(only to technically qualified bidders)

#### Validity of RfP document
90 days from the date of opening 10/09/2020

#### Timeline to complete job
3 months from date of award of work order

#### Contact Person for queries
Shri. Vivek Negi; vivek.negi@beeindia.gov.in, 812684458. Shri Sunny Jangra; sjangra@beeindia.gov.in Tel: (+91)-1126194770/1126766710, Fax: (+91)-1126178352

#### Submission of RfP address to
The Secretary, Bureau of Energy Efficiency 4th Floor, Sewa Bhawan, R.K.Puram, New Delhi-110066, India Tel: (+91)-112676-6700, Fax: (+91)-1126178352

*Note: BEE will use Email as a primary mode of communication and will upload all relevant information on BEE website ([http://www.beeindia.gov.in](http://www.beeindia.gov.in))*

### About BEE

The mission of Bureau of Energy Efficiency (BEE) is to develop policy and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act (EC Act), 2001 with the primary objective of reducing energy intensity of the Indian economy. This will be achieved with active participation of all stakeholders, resulting in accelerated and sustained adoption of energy efficiency in all sectors.

The setting up of Bureau of Energy Efficiency (BEE) provides a legal framework for energy efficiency initiatives in the country. The Act empowers the Central Government and in some instances the State Governments to:

- Notify energy intensive industries, other establishments, and commercial buildings as designated consumers.
- Establish and prescribe energy consumption norms and standards for designated consumers.
- Direct designated consumers to designate or appoint certified energy manager in charge of activities for efficient use of energy and its conservation.
- Get an energy audit conducted by an accredited energy auditor in the specified manner and intervals of time.
➢ Furnish information with regard to energy consumed and action taken on the recommendation of the accredited energy auditor to the designated agency.

➢ Comply with energy consumption norms and standards, and if not so, to prepare and implement schemes for efficient use of energy and its conservation.

➢ Prescribe energy conservation building codes for efficient use of energy and its conservation in commercial buildings State Governments to amend the energy conservation building codes to suit regional and local climatic conditions.

➢ Direct owners or occupiers of commercial buildings to comply with the provisions of energy conservation building codes.

➢ Direct mandatory display of label on notified equipment and appliances.

➢ Specify energy consumption standards for notified equipment and appliance.

➢ Prohibit manufacture, sale, purchase and import of notified equipment and appliances not conforming to standards.

2.2 Background

Recognizing the fact that efficient use of energy and its conservation is an essential part of India's goals to mitigate the gap between demand and supply and to promote economic competitiveness, the Government of India enacted the Energy Conservation Act – 2001. The Act provides for institutionalizing and strengthening delivery mechanisms for energy efficiency services in the country and provides the much-needed coordination between the various organizations and stakeholders, within the Government and in the private sector.

Schedule to EC Act provides list of 15 energy intensive industries and other establishments to be notified as designated consumers (DC).

Section 14 (e) of the EC Act provides that the Central Government may, by notification, in consultation with the Bureau of Energy Efficiency specify any user or class of user of energy as designated consumers which satisfies the following conditions:

i) Energy Quantity or Energy Intensity

ii) Amount of investment required for switching over to energy efficient equipment;

iii) Capacity of the industry to make investment for switching over to energy efficient equipment; and

iv) Availability of the energy efficient machinery and equipment required by the industry.
As regards (i) a designated consumer group consuming large amount of energy or having high energy intensity defined as energy consumed (in terms of oil equivalent) per unit of turnover may have a large potential to be a good consumer group under the EC Act in terms of energy saving potential.  
As regards (ii) to (iv), these factors are qualitative in nature and their applications will vary from case to case basis even within the same designated consumer group. Industrial units having high debt equity ratio signifies that the units have lived beyond their means. It may be difficult to implement measures that require large investment even if those measures are highly attractive financially. On the other hand, industrial units that are in financial difficulty has a more urgent need to reduce operational cost and energy cost. Lessons learned from many other energy auditing studies show that a large fraction of energy cost reduction is related to better housekeeping measures with no or little investment. 
As far as availability of energy efficiency machinery and equipment is concerned, the management of the designated consumer in any case is given a choice to accept only techno-economic viable recommendations of the energy audit and implement the same. In case of non-availability of concerned energy efficient machinery and equipment in the Indian market or in abroad, a designated consumer can cite reason for not implementing related recommendations of the mandatory energy audit studies. 

Since the objective of the Act is to promote energy efficiency and its conservation and consequently to reduce the energy cost, selection of industry for the purpose of declaring it, the Designated Consumer under Section 14(e) of the EC Act should primarily take into account-(i) total annual energy consumption in Metric Ton of Oil Equivalent; (ii) Energy intensity; and (iii) Percentage of Energy cost on total cost, as every designated consumer is always keen to reduce energy consumption as well as energy cost to make its product competitive.

2.3 Brief about PAT under NMEEE

In 2008, Government of India announced ‘National Action Plan on Climate Change (NAPCC), identifying eight missions to promote inclusive growth in the country. The National Mission for Enhanced Energy Efficiency (NMEEE) is one of the eight identified missions under NAPCC. One of the initiatives under NMEEE is Perform Achieve and Trade (PAT) scheme; which is a market-based mechanism having the objective to enhance energy efficiency (target based) in the country with an option to trade the additional energy savings, in the form of energy saving certificates. Bureau of Energy Efficiency (BEE) under Ministry of Power (MoP) is implementing this scheme in 13 energy intensive sectors namely- Thermal Power Plant, Aluminum, Cement, Chlor-Alkali, Cement, Iron & Steel, Textile, Fertilizer, Refinery, Railways, DISCOM, Petro-chemical & Buildings.
Sixth cycle of PAT has become effective since 1st April 2020 and 08 energy intensive sectors have been notified in this cycle. In order to further way forward in PAT scheme, in subsequent phases, it is required to re-assess energy saving potential with existing DCs who are a part of PAT Scheme since cycle-I prior to another energy reduction target to those old DCs. The baseline SEC and potential of energy Efficiency & Conservation would be considered to arrive at the energy saving targets for old PATDCs by BEE during the Cycle-VII of PAT Scheme w.e.f. 1st April, 2021.

In Cement Sector, Total 175 nos. of Cement DCs are covered in PAT scheme and out of 175 nos. of Cement DCs, total 111 nos. of Cement DCs are covered under PAT Cycle-II.

2.4 Objective of the Request for Proposal (RfP)

(i) The objective of conducting the study is to evaluate the Energy Performance (Gate-to-Gate Concept and Section-wise) and Complete Technology Assessment including Techno-Economic assessment of old 44 nos. of Cement DCs in PAT scheme in Cement Sector. This will establish Potential Assessment for Energy Efficiency & Conservation in each Cement DCs


(iii) In addition, 3 years baseline data collection and verification audit of the proposed Cement DCs.
3.0 SCOPE OF THE WORK (For Group ‘A’ to ‘B’)

The scope of work for the Potential Assessment Study is as follows:

(A) General

1. Inception meeting with BEE after award of contract, briefing the approach, methodology and synopsis to finish the awarded work within the timelines i.e. within one week of issuance of work order.
2. Preparation of checklist and measures for Potential Assessment Study as per scope or work.
3. Collection and Review of the energy consumption and production data of last 3 years in the Sector Specific Pro-forma (SSPF) for the years FY 2017-18, 2018-19 and 2019-20 by visiting the identified plants.
4. The Agency shall make site visit of the plant so as to gather information and data. A questionnaire has been developed which contains vital information about the plant in which data will be verified by Agency at site Level with the help of supporting documents. However, if prevailing conditions of COVID are extreme, then team may consider the desk-based study of specific plant. The desk-based study may include the web-based meetings and discussions for the collection of the documents and data, which may also involve the participation of officials from Bureau of Energy Efficiency.
5. Comparing the data reported by industrial units in the pro-forma (SSPF) with the standard and authentic documents available with industrial units.
6. Beforehand coordination with industrial units for completing visits to the respective industrial units for the above tasks. BEE will provide the authorization letter to selected agency for visiting the Cement DC on behalf of BEE for this study.
7. Get the pro-forma (SSPF) authenticated by energy managers and plant head/CEOs.
8. Prepare final report of every industrial unit in a standard format duly indexed, covering profile of the unit and its details of energy consumption, plant production, analytical & Statistical details and any other relevant information.
9. Copies of relevant authentic and certified documents should support the report and to be submitted to BEE.
10. Submission of minutes of meeting for each plant visit duly signed by every team member and plant officials. BEE will interact with that team member only who had visited the plant while verification & finalization of the report, not with the others.
11. The Final report covering details as stated in section (A), (b) and (C) should be prepared and submitted to respective State Designated Agency and BEE i.e. 2 copies of final report should be submitted.

(B) Technical

Process Area:
1. Study & Report the process technology of plant for Integrated Plant, Clinkerization, Cement Grinding Unit with CPP along with different products such as Clinker, OPC, PPC, PSC, Composite Cement, White Cement etc.
2. Study and report the detailed comparison of the plant existing process technology in Cement DC with respect to the (a) its own best operating conditions & parameters (b) similar best available state of art process technology in same sector (c) similar best available process technology in any other plant in India.
3. Study & Report the Category/Type and Quantity of input Raw material utilized by DC in last 3-years.
4. Identify and Report the major energy consuming equipments/parts/processes in Cement DC including their energy consumption details in last 3-years.
5. Identify the type of additives used in the clinker and cement manufacturing process along with their composition in percentages.
6. Study & Report the DC Performance & Machines Performance in given format as provided in the questionnaire by means of detailed analysis of last 3-year performance data in terms of following:
7. Cement and Clinker Production in Million Tones/Tons along with Installed Capacity in Million Tonnes.
9. Crusher details such as Operating capacity, Make and Type, input and output size, production.
10. Raw Mill and Coal Mill details such as Limestone Bond Index, Operating capacity, Make and Type, Moisture Content in %, Raw meal/Fine Coal residue over 90 micron/212 micron and production.
11. Pyrosection details such as Operating Capacity, Specific Thermal Energy Consumption, Thermal Substitution Rate, Clinker litre weight, Kiln & Cooler OEM details, Type of Cooler, Main burner, Preheater type and stages, WHRS, Kiln inlet O2 (%), Kiln Inlet temp (°C), Kiln inlet draft (in mbar), Calciner outlet O2 (%), Calciner outlet temperature (°C), Preheater pressure drop (in mbar), Preheater outlet gas temperature (°C), Preheater fan inlet pressure (in mbar), False air in preheater (%), Tertiary air temperature (preheater side and in °C), Cooler exhaust air temperature (°C), Clinker temperature (after cooler, in °C), Cooler specific air (nm3/kg clinker), Burner flame momentum (% m/sec), Raw meal temperature (°C) and Kiln % fuel firing.
12. Cement Mill details such as Operating Capacity, Make and Type, Pregrinder type, Cement residue over 63 micron/212 micron, Cement Blaine (m2/kg) and production.
13. Packing Plant details such as Operating Capacity, Make and Type and production.
15. Establish the G-t-G boundary diagram for Cement DC.
16. Prepare a detailed analysis chart, curve, bar chart, pie diagram or any other relevant diagram for above cited points A to I.

**Power & Utility Area:**
1. Captive Power Plant (CPP) details such as Operating Capacity, Boiler type, PLF, Heat rate, Aux. Power Consumption, Heat rate etc.
2. Collect the details regarding specification of utilities related to Cement Plant and CPP such as Motor Capacity, Make and Type, Compressor Capacity, End use and pressure setting.

**Other Area**
1. Study and report the fuel consumption details which may also include the alternative fuels consumed in last 3-years including fuel category & Qty, consumption pattern, details of renewable energy sources, Fuel mixing pattern, Fuel switching pattern, wt. Avg GCV (as fired) for each category of coal, details of Biomass based energy sources etc.
2. Study and report month wise GRID power details in last 3-years including consumption (Kwhr, KVAhr, KVARhr), peak demand, average demand, avg. power factor, Karl, summary of applicable industrial tariff as per SERC recent tariff order.
3. Study and report month wise Plant average load, total load, peak load (KVA & KW), connected load, plant own power distribution losses etc. for last 3-years.
4. Study and report various Energy Conservation (ENCON) options implemented by the plant in last 3-years.
5. Study and report the plant Mass balance and Power & Steam balance diagram.
6. Prepare and report future energy conservation plans for plant in consultation with the management of the plant.
7. Establish the entire Plant SEC (TOE/T) as per Plant Gate to Gate concept.
8. Establish and report the Plant Mass & Energy Balance for entire plant on gate to gate basis and similarly Mass & Energy Balance for each section of the plant.
9. Submit the brief details of best state of art technology available in India for Cement manufacturing process including cost of technology, operational cost, technology providers, payback period, RoI etc. A consultation of sectoral OEMs may be taken.
10. Evaluate and report the energy saving potential in terms of "Metric Ton of Oil Equivalent (MTOE)" available in the plant in the next three calendar years which would occur due to process change, efficiency improvement, retrofitting or fine tuning of operational parameters or by any other mean. This energy potential which is technical as well as financial compatible and feasible to the unit. Such type of potential energy saving arrived due to implementation of energy saving measures should be time bound within the PAT Cycle period. i.e 3 years and should be indigenously developed and available in India so that there may be no time overrun in deploying such measures in the plant.
11. Study and report the energy saving potential Summary in terms of "Metric Ton of Oil Equivalent (MTOE)" available in the respective Cement DC Group in the next three calendar years with detailed analytical data.

(C) Finance

1. Prepare the detailed expenditure report of the plant (for last 3 years) covering Raw Material costing, Energy Costing, O&M Costing, Fuel Costing and other relevant costing in order to establish the existing cost to per unit input energy and cost to per unit production.

2. Study the last three financial statements of the company and report the summary of last 3 years audited financial statements of the Cement DC including financial analysis.

**Note:** A Consultation of Financial Expert may be taken.

The Final report covering details as stated in section (a), (b) and (c) should be prepared and submitted to BEE and respective State Designated Agency i.e. 2 copies of final report should be submitted. It is to be noted that the information so collected vide sector specific pro-forma & Form-1 shall only be dealt between the bidder, industrial unit and BEE, hence the same is to kept strict and confidential during the contract assignment and in future too. If the same is found to be shared with others, the bidder is liable for discontinuation of the contract and strict action will be taken against the bidder as deemed fit by BEE.

Table no. 1: Grouping

<table>
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<th>S.No.</th>
<th>Sector</th>
<th>Groups</th>
<th>Number of Units to be Studied and Audited</th>
<th>Name of States</th>
<th>Nos. of Plants</th>
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<td>2</td>
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<td>Group-B</td>
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<td>Chattisgarh</td>
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<td></td>
<td>Madhya Pradesh</td>
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4.0 TIMELINES AND KEY DELIVERABLES

The assignment shall be completed within 3 months (90 days) from the date of award of the contract.

Deliverables under the contract will include the following:

a) **1st Milestone:** The Draft Report as per given Scope of Work along with signed and sealed filled in pro-forma (for 3 year Data), by plant competent authority, along with the authenticated supporting documents of 50 % of Cement DCs in awarded group should be submitted within 30 days from the date of award of the contract.

b) **2nd Milestone:** The Draft Report as per given Scope of Work along with signed and sealed filled in pro-forma (for 3 year Data), by plant competent authority, along with the authenticated supporting documents of balance 50 % of Cement DCs in awarded group should be submitted within 60 days from the date of award of the contract.
c) **3rd Milestone:** The final findings/report as per given scope of work for 100% of Cement DCs in awarded group should be submitted within 90 days from the date of award of the contract for the review of BEE & SDA.

**4.1 Submittal**

The organization is invited to submit a proposal outlining tasks execution and the timeline for the project.

**4.1.1. Technical Proposal:**

The technical proposal should include-

a) Organization background  
b) Organization's suitability for this activity  
c) Proposed Methodology for carrying out this work  
d) A proposed work plan / timeline of the study  
e) CVs of team members (groupwise) including their roles in the project (a minimum of 1 Accredited Energy Auditors, 1 Sector Expert and minimum of 2 Certified Energy Auditors (excluding Accredited Energy Auditors)) shall be there on the role of the organization. *Proof of sectoral expertise in case the agencies opts for group belonging to sectors other than its expertise, as per empanelment with BEE.*  
f) An organization with an annual turnover of Rs.50 lakhs in any one year during the last 3 completed financial years  
g) An EMD of Rs. 50,000/- (fifty thousand) & Bid processing fees of Rs, 5,000/- (five thousand) in the form of Demand Draft to be drawn on the name of Bureau of Energy Efficiency, and payable at New Delhi.  
An agency/bidder registered under Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organization or the concerned Ministry or Department, is exempted to submit the EMD. However, agency/bidder has to submit the MSEs registration certificate in support of EMD exemption claim.

**4.1.2. Financial Proposal:**
1. It should be developed in a transparent manner and contain estimation of costs as per major expense categories including all the taxes, except the GST, if any.
2. Financial evaluation for L1 consideration will be on per plant basis in respective group.
3. Note: Bidders can apply in any/all of the three groups and submit financial proposals in separate envelope. Bids will be opened in sequence (first for Group ‘A’ and last for Group ‘B’) and any bidder who is successful in one group will not be considered for rest of the groups.
4. Evaluation will be based on the total lump sum cost quoted by the bidder for per plant in respective group. Financial bid with the lowest cost among all bids, will be awarded as L1 bidder.

4.1.3. Other Important Terms & Conditions:

1. Bidder can apply in any group as per their choice. Bidder have to submit the team composition to BEE exclusively for respective group beforehand in Technical proposal. However, Bidder can continue the one team for all groups or different team according to their choice as successful bidder will be awarded only one group. Refer table no. 1 for group wise grouping to bid.

2. Proof of sectoral expertise in case the agencies opts for group belonging to sectors other than its expertise, as per empanelment with BEE. Sector Expert should have minimum 15 years of expertise in relevant sector and the agencies shall enclose the supporting document in technical proposal.

3. The work shall be carried out as per the finalized time schedule and requirements of BEE, providing fortnightly updates (in writing). In case of non-responsive plant, coordinate with respective SDA and BEE.

4. Any kind of deviation from any activities as stated under section 3 (Scope of work) of this Rfp without the knowledge and prior consent of BEE, will liable for no payment against the respective Cement DC Potential Assessment Job.

5. This is an open tender and applicable to BEE Empanelled &Non-Empanelled agencies both. Agencies/firms could bid for the sector for which it has been empanelled with BEE or having similar prior work experience in case of non-empanelment for applied sector. However, proof of sectoral expertise in case the agencies opts for group belonging to sectors other than its expertise or in case the agencies are not empanelled with BEE, as per empanelment with BEE.
6. The Agency’s team shall make site visit of the plant so as to gather information and data as per scope of work. However, if prevailing conditions of COVID are extreme, then team may consider the desk-based study of specific plant with Plant officials. The desk-based study may include the web-based meetings and discussions for the collection of the documents and data, which may also involve the participation of officials from Bureau of Energy Efficiency.

7. The visiting team shall abide by the COVID Safety guidelines for travel & visiting plant which laid down by the concerned state government. The guidelines may be downloaded from the concerned state government website.

8. The Agency may refer the GoI website [https://www.mygov.in/covid-19 for COVID-19 updates and relevant information. Agency’s team individuals/members mandatory follow the MHA Guidelines w.e.f. 1st July 2020 and use the Aarogya Setu App.

4.2. Selection

A committee will evaluate the above proposals (technical and financial) based on the qualifications specified below and as per clause 5 of this RfP-

a) Past experience of carrying out the similar assignment inline to the detailed scope of work as mentioned in section 3.

b) Prior experience with working on energy efficiency/conservation in industry sector preferably in the sub-sectors identified above and modeling

c) Approach &Methodology

d) In case of a consortium, nos. of partner organizations should not be more than 2.
   The organization submitting the proposal would be considered as the major one and would be contact point for BEE.

The separate sealed envelopes contain technical and financial proposals to be submitted and clearly mentioning the group in which applied for to:

The Secretary,
Bureau of Energy Efficiency
(Govt of India, Ministry of Power)
4th Floor, Sewa Bhawan,
5.0 SELECTION PROCESS

5.1 Preliminary Scrutiny (Consideration of responsiveness)

- Preliminary scrutiny of the proposal will be made to determine whether they are complete, whether required process fee has been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.
- A Technical Proposal including all Forms with relevant supporting documents should be in proper sequence as per Section 5 of this RfP and technical bid must be in form of properly binding proposal. Any kind of un-professional technical proposal in form of lose Cements, stapled bunch of Cements etc. will be prima facia rejected.

5.2 Bid Evaluation Methodology

The following is the Bid process/evaluation methodology that will be adopted by BEE. RfPs are available on BEE Web-site www.beeindia.gov.in.

- Alternate bids will not be allowed.
- It will be a two-envelope single bid.
- All the applicants whose bids are found to be responsive in technical evaluation shall be considered for financial evaluation. The agencies will be qualified as technically responsive based on meeting the qualification criterion spelt above. The financial bids of those agencies found to be technically responsive will be open and the work will be awarded based on the lowest financial quote.

The technical proposal as per requirement of the pre-qualification criterion spelt under section 5.3 is to be submitted in a separate envelope titled “Request for Proposal for Potential Assessment Study of Cement Sector Old Designated Consumers under PAT Scheme” and named ENVELOP ‘A’.

5.3 Qualification Criteria of Individual Agencies / Firms and Consortium of Agencies / Firms

The agencies / firms being considered for the above work must fulfill the following criteria:
1. Should be an agency / firm / company registered/ incorporated in India. Necessary documents should be provided to substantiate the claim.
2. Should be in active business for a minimum period of 5 years with annual turnover of INR 50 Lakhs and profitable for a minimum of 3 of last 5 years.

3. Should have at least 1 Accredited Energy Auditors on its role as on the date of applying. A photocopy of the certificates of Accredited Energy Auditors should be enclosed as proof.

4. Should have experience in carrying out similar studies and study of other scheme of Government of India. Necessary documents should be provided to substantiate the claim.

5. Should have experience of PAT related work or similar work. Necessary documents should be provided to substantiate the claim.

6. Should deploy a team for assigned group comprising minimum number of four persons each and they need to be exclusive deployed during the course of the assignment as per the composition tabulated below.

7. For the purpose of the study the team must be ready to travel at any locations in the country.

8. The team officials indicated by the agency/firm during participation in the Bid should be strictly adhered to and shall not be change.

9. If the bidder is applying for a particular group then he has to quote for the total number of units in the group as per table. Partial quote in any group is not allowed and shall be considered as non-responsive.

The composition for the team is given below:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Number</th>
<th>Minimum Qualification</th>
<th>Minimum Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team Leader</td>
<td>1</td>
<td>Accredited Energy Auditor</td>
<td>10 years</td>
</tr>
<tr>
<td>Team Member</td>
<td>2</td>
<td>Certified Energy Manager / Energy Auditor</td>
<td>5 years</td>
</tr>
<tr>
<td>Sector Expert</td>
<td>1</td>
<td>Engineer/Diploma Engineer</td>
<td>15 years</td>
</tr>
<tr>
<td>Team Member</td>
<td>1</td>
<td>Engineer/Diploma Engineer</td>
<td>4 years</td>
</tr>
</tbody>
</table>

Necessary documents along with CVs of the officials should be provided to substantiate the claim. Signature of the team member on their CV shall be taken to establish that CVs has been submitted with their consent. Unsigned CV or CV with Scan copy of Signature, will be liable for rejection and consequently agency will be disqualified for respective group.

5.4 Evaluation of Technical Proposals

1. Only the technical proposals considered as technically responsive would be evaluated based on the bidder’s capabilities, experience, approach and methodology and the CV’s of the proposed personnel and the scores would be given (out of 100).

2. The proposals would be evaluated on the basis of evidence of satisfying all the qualification requirements listed out in Para 5.3. The specific experience would be evaluated on the basis of the information provided in ENVELOPE-A along with the prescribed documents.
3. The Bidder will be technically qualified if he obtains minimum 70 marks in technical evaluation.

**Evaluation parameters and criteria for proposal.**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Criteria</th>
<th>Minimum Qualification Criteria</th>
<th>Weightage/Mark</th>
<th>Total Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical qualification* (A)</td>
<td>Experience in Conducting Potential Assessment Study of any energy intensive industry or industry's component or other establishments in India similar in context of the Scope of work of this RfP.</td>
<td>Minimum 2 Projects</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 to 5 Projects</td>
<td>Pro-rata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than 5 Projects</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>(B)</td>
<td>Experience in Data collection &amp; Verification/ Technical Evaluation of projects under Energy/ power/ renewable / infrastructure.</td>
<td>5 Projects</td>
<td>Pro-rata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 to 10 Projects</td>
<td>Pro-rata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than 10 Projects</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>(C)</td>
<td>Agency’s Detailed Energy Audit Experience in Energy intensive industries. (Note: Baseline Audit, M&amp;V Audit experience will not be counted.)</td>
<td>5 years of Experience</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 to 10 Years of Experience</td>
<td>Pro-rata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than 10 Years of Experience</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>(D)</td>
<td>Qualification, experience &amp; competence of the proposed team</td>
<td>Number of years’ Experience of AEA in Energy Audit (as per clause 5.3)</td>
<td>05</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Number of years’ Experience of Process Expert (as per clause 5.3)</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>(E)</td>
<td>Experience in PAT related work in Cement Sector.</td>
<td>Mandatory Energy Audit</td>
<td>Pro-rata/Max. 10</td>
<td></td>
</tr>
</tbody>
</table>

*Note: Baseline Audit, M&V Audit experience will not be counted.*
| Minimum 10 DC's Monitoring & verification work | 5 |
| Minimum 10 Plants Baseline Energy Audit Work (Verification) | 5 | 20 |
| (E) Experience in Investment Grade Energy Audit Projects including detailed financial analysis of any industry/building/facility etc. | Per project 1 marks | 5 | 10 |
| (F) Experience in Environment Impact Study (Emission and Water conservation) related projects | Per project 1 marks | 5 | 5 |
| (G) Approach and detailed work methodology as per scope of work given under section 3 of this RfP | Qualitative & Quantitative Basis | 1-5 | 5 |
| Total | 100 |

However, BEE in its sole/absolute discretion can apply whatever criteria deemed appropriate in determining the responsiveness of the Proposals submitted by the respondents.

ENVELOPE-B (Financial Bid) will be open only for bidders who have been found successful after evaluation in terms of the outlined criteria, meeting a minimum technical score on the information furnished in ENVELOPE-A (Technical Bid).

Financial quote of L1 among the technically qualified (obtaining minimum 70 marks) ones will be selected.
6.0 INSTRUCTIONS TO THE AGENCIES / FIRMS

6.1 Financial Proposal

1. Agencies /firms shall submit the financial bid, clearly indicating the total cost of service in both figure and words, in Indian INR on the basis of per plant cost. In the event of any difference between figures and words, the amount indicated in words will be taken in account. In the event of difference between the arithmetic total and the total shown in the financial proposal, the lower of the two shall be taken into account.

2. All the cost associated with the assignment shall be included in the financial proposal. These shall normally cover remuneration for all the personnel, accommodation etc. (excluding Travel Cost). The total amount indicated in the financial proposal shall be without any condition attached or subjected to any assumption and shall be final and binding. In case any assumption or condition is indicated in the financial proposal, it shall be considered non-responsive and liable to be rejected.

3. BEE will pay the travel cost separately for respective plant visit (restricted to Agency's Team Member only whoever visit the plant) as per actual (Manpower must be as per sub-rule (1) of rule 9 of PAT Rules, 2012) subject to the submission of actual travel bills & invoices. Travelling shall be permitted by rail in AC 2 tier or by cheapest airline in economy class and may be reimbursed on actual basis. Local conveyance may be reimbursed subject to ceiling specified by central govt. for the person involved in carrying out the work only. All relevant documents (boarding passes, tickets and other invoices) in original in support of travel expense must be submitted. There is no mobilization advance.

4. The financial proposal shall indicate all GST applicable separately. For the avoidance of doubt, it is clarified that all taxes including GST shall be deemed to be excluded for the rate quoted. Further all payment shall be subjected to deduction of taxes at source as per applicable laws.

5. The financial is to be submitted in a separate sealed envelope titled “Financial Proposal for Potential Assessment Study of Cement Sector Old DCs under PAT Scheme” and named ENVELOP ‘B’. Group-wise separate envelope to be submitted.

6.2 Cost of RfP

- The agency / firm shall bear all costs associated with the preparation and submission of its RfP, including cost of presentation for the purposes of clarification of the bid, if so desired by the purchaser. BEE will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the qualifying process. BEE reserves the right to cancel the RfP and is not liable for any outcome due to the action taken.
6.3 Contents of the RfP

➢ The agency / firm are expected to examine all instructions, forms, terms & conditions and Statement of Work in the RfP documents. Failure to furnish all information required for submission of the RfP Document not substantially responsive to the RfP in every respect will be at the agencies / firms’ risk and may result in the rejection of the RfP.

6.4 Bid Security and Performance Security

6.4.1 Earnest Money Deposit

➢ The agency/firm shall furnish, as a part of its proposal, an earnest money deposit of Rs. 50,000 /- (INR Fifty Thousand Only) in the form of demand draft issued by any nationalized/ scheduled bank, in favor of “Bureau of Energy Efficiency” payable at New Delhi. The EMD will be returned to non-selected agency after finalization of the agency for each awarded group.

➢ The EMD Should remain valid for a period of forty-five days beyond the final bid validity period.

➢ EMDs of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract.

➢ EMD should be enclosed/attached in technical proposal i.e. Envelope ‘A’.

➢ Any bid not accompanied by the bid security will be rejected by BEE. BEE shall not be liable to pay any interest on the bid security and the same shall be interest free. The bid security is to remain valid for a period of one year.

➢ A bidder registered under Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organisation or the concerned Ministry or Department, is exempted to submit the EMD. However, agency/bidder has to submit the MSEs registration certificate in support of EMD exemption claim.

6.4.2 Performance Security

➢ Within fourteen (14) working days of the receipt of notification of award from BEE, the successful agency/firm shall furnish the Performance Security. Performance Security may be furnished in the form of an Account Payee Demand Draft, Fixed
Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank or online payment in an acceptable form. The value of Performance Security would be 10% of the total contract value.

- Performance Security should remain valid for a period of sixty days beyond the date of completion of all **contractual obligations of the Bidder** or any such extended period as decided by BEE.
- Bid security/EMD will be refunded to the successful bidder on receipt of Performance Security.

### 6.4.3 Bid Processing Fees

- The agencies / firms should submit a bid processing fee of Rs.5,000/- (INR Five Thousand Only) at time of submission of the technical and financial proposal to BEE. The payment will be accepted in the form of crossed demand draft on any scheduled bank, payable at par in New Delhi in favor of Bureau of Energy Efficiency, New Delhi.
- Bid Processing fee should be enclosed/attached in technical proposal i.e. envelope ‘A’.
- Any kind of exemption is not permitted for Bid Processing Fee.

### 6.5 Conflict of Interest

- The agencies / firms who are selected for the work will have to maintain the confidentiality of the information compiled. In no case the agencies / firms would be allowed to use the data or share the information with anyone else, except for the BEE and SDAs.
- BEE and SDAs shall hold the copyrights over any of the data collected or compiled during the course of the awards.

### 6.6 Language of Bids

- The bids prepared by the agencies / firms and all correspondence and documents relating to the bids exchanged by the agencies / firms and the Purchaser, shall be written in the English language, provided that any printed literature furnished by the agencies / firms may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.
6.7 Confidentiality

- BEE require that recipients of this document to maintain its contents in the same confidence as their own confidential information and refrain from any public disclosure whatsoever.

6.8 Disclaimer

- BEE and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of BEE and/or any of its officers, employees.

6.9 Authorized Signatory (Agencies / Firms)

- The "Authorized Signatory" as used in the RfP shall mean the one who has signed the RfP document forms.
- The authorized signatory should be the duly Authorized Representative of the agencies / firms, for which a certificate of authority will be submitted. All certificates and documents (including any clarifications sought and any subsequent correspondences) received hereby, shall, as far as possible, be furnished and signed by the authorized signatory. The power of authorization or any other document consisting of adequate proof of the ability of the signatory to bind the agency / firm shall be annexed to the bid. BEE may reject outright any proposal not supported by adequate proof of the signatory's authority.

6.10 Conditions for Consortium

- The agencies / firms may have the option to submit the proposal with other consortium partner. Consortium of not more than two agencies / firms may apply and agreement entered into by the consortium partner shall be submitted. Non-submission of agreement documents of the consortium partner will lead to disqualification. The organization submitting the proposal would be considered as the major one and would be contact point for BEE.
- Consortium partner firms cannot bid separately for the study if applied by their consortium. In case of any such discrepancy found, bid for the both consortium and
firms will be rejected. Selected agency/firms cannot outsource their work to any third party at any point of time. The consortium partners should not be involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract. The consortium partners should not have been black-listed by any Central / State Government or Public-Sector Undertakings. If at any stage of qualifying process or during the currency of the Contract, any suppression / falsification of such information is brought to the knowledge, BEE shall have the right to reject the proposal or terminate the contract, as the case may be, without any compensation to the consortium of agency / firms.

6.11 Contact details of the Agencies / firms

- The agencies / firms who want to receive BEE response to queries should give their contact details to BEE. The agencies / firms should send their contact details in writing at the BEE contact address indicated under section 1.2.

6.12 Amendment of RfP

- At any time prior to the last date for receipt of bids, BEE, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective agency/ firms, modify the RfP Document by an amendment. In order to provide prospective agencies / firms reasonable time in which to take the amendment into account in preparing their bids, BEE may, at their discretion, extend the last date for the receipt of bids and/or make other changes in the requirements set out in the RfP.

6.13 Documents Comprising the RfP

The proposal prepared by the agencies / firms shall comprise the following components:

- Proof of registration / incorporation in India.
- Correspondence Details.
- Demand Draft of INR 50,000/- (INR Fifty Thousand Only) as Earnest Money Deposit.
- Demand Draft of INR 5,000/- (Five Thousand Only) as Bid Processing Fees.
- Technical Proposal, as per qualification criterion provided in the RfP.
- Financial Proposal.
6.14 **Power of Attorney**

Registered Power of Attorney executed by the agencies / firms in favor of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this RfP. BEE shall not be responsible for non-receipt / non-delivery of the RfP due to any reason whatsoever. The agencies / firms are advised to study the RfP document carefully. Submission of RfP shall be deemed to have been done after careful study and examination of the RfP document with full understanding of its implications.

6.15 **Force Majeure**

*Shall mean and be limited to the following:*

- War/hostilities
- Riot or Civil commotion
- Earthquake, flood, tempest, lightening or other natural physical disaster.
- Restrictions imposed by the Government or other statutory bodies which prevents or delays the execution of the Contract by Consultant.
- In the event of any force majeure cause, agency or the BEE shall not be liable for delays in performing their obligations under this order and the completion dates may be extended, for a period not exceeding the period of delay attributable to the causes of Force Majeure. Neither BEE nor agency shall be liable to pay extra costs provided it is mutually established that Force Majeure Conditions did actually exist.
- The agency shall at all times, Indemnify and keep indemnified, the BEE and its officer’s servants and agents, from and against all/any claims whatsoever, arising as a consequence of, or in the course of execution of the work (including but not limited to property loss and damage, personal accident, injury or death of or to property or person, of the agency or any JV partner or sub-contractor, and / or the servants or agents of the consultant, or any other JV partner or any sub-contractor and / or of the BEE)

6.16 **Termination of the Bid**

*BEE shall have the right to reject this bidding process any time before issuing letter of award to the agency.*

7.0 **TERMS OF PAYMENT**

*The payment shall be made by BEE on achieving milestones on verification of invoice as follows:*

*Page 25/35*
10% of the order/contract value as on successful completion of 1st Milestone.
10% of the order/contract value on successful completion of 2nd Milestone.
80% of the order/contract value on successful completion of 3rd Milestone and final acceptance of all reports by BEE after incorporation of all short-comings/comments/suggestions/corrections as per BEE review of draft Reports.

**Note:**
- BEE shall make the full and final payment once on successful completion of the assigned work within stipulated time period and upon submission of the required reports, documents as per requirement of the scope of work of this RfP.
- The payments will be made on pro-rata basis as per the information collected by the Bidder. The Bidder shall cover the entire units of the group specified. In case the number of units/plants neither audited nor visited by all team members in the groups shall not be paid. In regards to proof of visit, the agency should produce the travel documents like flight/train tickets and boarding passes, taxi bills, hotel bills, local conveyance etc. while claiming the payments through invoices.
- Successful Bidder can raise each milestone Invoice only after lapse of 7 days from the date of completion/submission of all deliverables against each milestone Job. Prior to this 7 days’ time period, Bidder’s Invoice will not be considered for payment.

### 8.0 PENALTY CLAUSE.

- Delay at any stage in execution of the contract due to reasons solely attributed to successful agency/firm/bidder beyond the time schedule as agreed or any extension thereof granted by the BEE shall attract penalty at the rate of 2.5% of the total contract value per week of delay subject to maximum of 10% of the total contract value.
- Completion of awarded work is mandatory for successful bidder. In case, bidder fails to complete the awarded work fully or partially, an amount against the uncompleted work will be deducted from final payment to bidder on pro-rata basis. Also, bidder will not be allowed to participate in any BEE tender/job for next one year.
- Delay of more than 30 days beyond the contract period of 90 days in execution of the contract due to whatsoever reasons except the reasons mentioned in above clause 6.15, agency/firm/bidder will not be liable for respective milestone payment and also the performance security will be forfeited by BEE.
9.0 TERMINATION OF CONTRACT

- BEE shall have the right to terminate the contract of the agency at any time during the tenure of the work, if the performance of the agency is found to be unsatisfactory or violation of any clause of the RfP pertaining to execution of the work. For termination of the contract, BEE shall provide the agency a notice of minimum of 15 days, to allow the agency to clarify its position of unsatisfactory performance observed by BEE. If the clarification provided by the agency is not up to the satisfaction of the competent authority of BEE, the contract of the agency will be terminated.

10.0 RfP FORMS

The proposal is to be submitted in the following format along with the necessary documents as listed. The proposal shall be liable for rejection in the absence of requisite supporting documents.
10.1 RfP Form 1: RfP Letter Proforma

To
The Secretary
Bureau of Energy Efficiency
4th Floor, Sewa Bhavan,
R.K. Puram,
New Delhi -110066
India

Sir/ Madam,
Sub: Request for Proposal for Potential Assessment study of Cement Sector old DCs under PAT Scheme and declaration for quoted sectors in the proposal.

The undersigned is the authorized representative of the (Name of Agency/firm), having read and examined in detail the complete RfP document in respect of Request for Proposal Potential Assessment study of Cement Sector old DCs under PAT Scheme, do hereby express their interest to provide consultancy services as specified in the scope of work.

I/We (on behalf of M/s.................) hereby admit that I/we, have quoted for following groups of sectors.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Sectors</th>
<th>Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Thanking you.

Yours faithfully

Authorized Signatory
Name and Title of Signatory
Name of the Firm
Seal
10.2 Correspondence Details

Our correspondence details are:

<table>
<thead>
<tr>
<th></th>
<th>Name of the Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Address of the Agency</td>
</tr>
<tr>
<td></td>
<td>Name of the contact person to whom all references shall be made regarding this Bid</td>
</tr>
<tr>
<td></td>
<td>Designation of the person to whom all references shall be made regarding this Bid</td>
</tr>
<tr>
<td></td>
<td>Address of the person to whom all references shall be made regarding this Bid</td>
</tr>
<tr>
<td></td>
<td>Telephone (with STD code)</td>
</tr>
<tr>
<td></td>
<td>E-Mail, Mobile No. of the contact person</td>
</tr>
<tr>
<td></td>
<td>Fax No. (with STD code)</td>
</tr>
</tbody>
</table>

10.3 Document forming part of RfP

We have enclosed the following:
RfP Form 2: Eligibility and Other details
RfP Form 3: Prior Experience
RfP Form 4: Approach and Methodology
RfP Form 5: Proposed Work Plan including the timelines with excel based chart
RfP Form 6: Resumes of the members in the proposed team (groupwise).
RfP Form 7: Declaration Letter.
EMD of INR 50,000 (INR Fifty Thousand Only)
Bid processing fees of INR 5,000/- (INR Five Thousand Only)
Registered Power of Attorney executed by the agency in favour of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this RfP.

*Agency/firm shall mention the groups clearly over the respective enclosure of the technical proposal*
We hereby declare that our Proposal is made in good faith and the information contained is true and correct to the best of our knowledge and belief.

Thanking you,
Yours faithfully

(Signature of the Authorised Representative)

Name :
Designation :
Seal :
Date :
Place :
Business Address:

Witness:
Signature
Name
Address
Date

10.4 RfP Form 2: Eligibility and Other Details

<table>
<thead>
<tr>
<th></th>
<th>Name of Firm/Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Year and Place of Registration/Incorporation</td>
</tr>
<tr>
<td>3</td>
<td>Prior experience in the field of mapping of study. Yes OR No</td>
</tr>
<tr>
<td></td>
<td>If, Yes</td>
</tr>
<tr>
<td></td>
<td>Number of Projects done in the field of mapping of study.</td>
</tr>
<tr>
<td></td>
<td>If, No</td>
</tr>
<tr>
<td></td>
<td>Number of Projects done in Policies of Central and State Government</td>
</tr>
<tr>
<td>4</td>
<td>Total Number of years of work experience in the field of Energy</td>
</tr>
</tbody>
</table>

Page 30 | 35
<table>
<thead>
<tr>
<th>Efficiency</th>
<th>FY 2017-18</th>
<th>FY 2018-19</th>
<th>FY 2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Annual Turnover from Consultancy Services**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Net Worth **</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Enclose a copy of Registration document
** Enclose a copy of Audited Financial Statement

Witness:  
Signature  
Name  
Address  
Date

Consultant:  
Signature  
Name  
Designation  
Company  
Date

10.5 RfP Form 3: Prior Experience (Should be given separately for each work experience)

[Please indicate the experience in the field of Engagement of Consultant for similar type of activity under PAT Scheme or any other policy related projects of Central and State Government in the format provided below, mention the details of the assignments directly related to the relevant field. Firms having larger experience must furnish the details of all other similar assignments separately in the same format as provided below. Kindly Note, the agency/firm shall mention the details of assignments done during last 5 years only]

<p>| Name of Agency/Firm: |  |
| Assignment/job name: | |
| Nature of Assignment: | |
| Description of Project: | |
| Approx. value of the contract (in INR): | |
| Country: | |
| Location within country: | |
| Duration of Assignment/job (months): | |</p>
<table>
<thead>
<tr>
<th><strong>Name of Employer:</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Address and contact details:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total No of staff-months of the Assignment/job:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Approx. value of the Assignment/job provided by your firm under the contract (in INR):</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Start date (month/year):</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Completion date (month/year):</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total duration (months)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Name of associated Consultants, if any:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>No of professional staff-months provided by associated Consultants:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Name of senior professional staff of your firm involved and functions performed.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Description of actual Assignment/job provided by your staff within the Assignment/job:</strong></td>
<td></td>
</tr>
</tbody>
</table>

Note: Please attach Letter of Intent or Purchase Order or certificate of successful completion for each project, from the respective Client(s).

| **Witness:** |  |
| **Signature** | Signature |  |
| **Name** | Name |  |
| **Address** | Designation |  |
| **Date** | Company | Date |

10.6  **RfP Form 4: Proposed Work Plan and Methodology including the timelines.**

The work plan shall be task specific with defined roles and responsibility of each tea member as per given scope of work. However, the agency shall include a description on duration of activities shall be indicated in the form of a bar chart.
10.7 RfP Form 5: Resumes of the members in the proposed team.

Consultants shall submit full resumes of the project leader and members of the team proposed for the assignment, including contact information as per the following format (in max. 2 pages).

1) Name:
2) Complete Contact Information:
3) Proposed Position:
4) Educational Qualification:
5) Employment Record:
6) Relevant Work Experience / Work Undertaken that best illustrates capability to handle the proposed task:
7) Certification / Signature:

10.8 RfP Form 6: Declaration Letter

Declaration Letter on official letter head stating the following:
We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract
We are not black-listed by any Central / State Government / Public Sector Undertaking in India

Witness: ____________________________ Consultant: ____________________________
Signature __________________________ Signature ____________________________
Name ____________________________ Name ____________________________
Address __________________________ Designation __________________________
Company __________________________
Date ____________________________ Date ____________________________
11.0 FORMAT FOR FINANCIAL PROPOSAL

[Location, Date]
FROM: (Name of Firm)
TO: (Name and Address of Client)

Subject: Financial proposal for Potential Assessment study of Cement Sector old DCs under PAT Scheme.

I / We, the undersigned, offer to provide the consulting services for the above in accordance with your Request for Proposal dated [Date], with our Technical and Financial Proposals.

The financial proposal shall take into account all expenses and tax liabilities associated in execution of the deliverables as per the RfP except the GST. GST, if any, will be applicable as per prevailing rates.

Our financial proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal, i.e., [Date].

<table>
<thead>
<tr>
<th>Price Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Project: Request for Proposal for Potential Assessment Study of Cement Sector Old Designated Consumers under PAT Scheme</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Group</th>
<th>Number of Plants</th>
<th>Per plant rate excluding GST as per scope of work (in Rs.)</th>
<th>Total cost excluding of GST as per scope of work (in Rs.)</th>
<th>Total cost excluding of GST as per scope of work (in words)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4=2*3</td>
<td></td>
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</tbody>
</table>

Name of Project: Request for Proposal for Potential Assessment Study of Cement Sector Old Designated Consumers under PAT Scheme

1. (Name of Sector) (Number of Plants) (Per plant charge)

Other terms & conditions

Note:

1. Quoted prices shall be inclusive of duties, taxes, loading/unloading, travel expenses etc. except GST. GST as applicable shall be payable extra and no other charges shall be payable extra. This is an open tender and applicable to BEE Empanelled & Non-Empanelled agencies both. Agencies/firms could bid for the sector for which it has been empanelled with BEE or having similar prior work.
experience in case of non-empanelment for applied sector. Non-Empanelled agencies may also bid for any sector for any group subject to having similar prior work experience. However, proof of sectoral expertise in case the agencies opts for group belonging to sectors other than its expertise or in case the agencies are not empanelled with BEE, as per empanelment with BEE.

2. The prices shall remain FIRM till completion of the project.

3. The bidder shall submit PAN and GST Registration Certificate in support of claim of GST.

4. If there is a discrepancy between words and figures, the amount written in words will prevail.

5. BEE does not issue any concessional sales tax form C or D or any other form.

6. BEE does not issue any Road Permit.

7. The offered prices should be firm and no request for variation of prices shall be entertained till completion of the project.

*We confirm that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".*

*We understand you are not bound to accept any Proposal you receive.*

*Yours sincerely,*

*Authorized Signature:*

*Name and Title of Signatory:*

*Name of the Firm:*

*Seal:*